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DATE: Thursday, October 07, 2004

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<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>			
<input type="checkbox"/>	L11	L10 and (gradient with (((sub" or segment) with coil) or multicoil))	5
<input type="checkbox"/>	L10	L9 and (carrier or support or table or bed or platform or former or gantry or stretcher or cradle or tray)	21
<input type="checkbox"/>	L9	L8 and (middle or end or center or central\$2 or opposit\$3 or oppos\$4)	23
<input type="checkbox"/>	L8	L7 and (barrel or cavity or bore or (examination adj zone))	23
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<input type="checkbox"/>	L6	L4 and (hollow or cylindrical\$2 or tube or tubular or cylinder or conduit)	1430
<input type="checkbox"/>	L5	L4 and (hollow or cylindrical\$2 or tube or tubular or cylinder)	1428
<input type="checkbox"/>	L4	L3 and (gradient)	1583
<input type="checkbox"/>	L3	L2 and (boundary or edge or terminus or ((outer or inner) with surface))	3430
<input type="checkbox"/>	L2	L1 and (stiff\$4)	6744
<input type="checkbox"/>	L1	((magnetic adj resonance) or MRI or NMR)	188507

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Search Results - Record(s) 1 through 21 of 21 returned.

1. Document ID: US 20040199071 A1

Using default format because multiple data bases are involved.

L10: Entry 1 of 21

File: PGPB

Oct 7, 2004

PGPUB-DOCUMENT-NUMBER: 20040199071

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040199071 A1

TITLE: Magnetic resonance imaging transseptal needle antenna

PUBLICATION-DATE: October 7, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Lardo, Albert C.	Baldwin	MD	US	
McVeigh, Elliott R.	Potomac	MD	US	
Halperin, Henry R.	Baltimore	MD	US	

US-CL-CURRENT: 600/423

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [None](#) | [Drawn By](#)

2. Document ID: US 20040152885 A1

L10: Entry 2 of 21

File: PGPB

Aug 5, 2004

PGPUB-DOCUMENT-NUMBER: 20040152885

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040152885 A1

TITLE: Lp mammalian proteins; related reagents

PUBLICATION-DATE: August 5, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Amegadzie, Bernard Yaovi	Malvern	PA	US	
Basinski, Margaret Barbara	Indianapolis	IN	US	
Scott, William L.	Indianapolis	IN	US	
Chen, Dayue	Carmel	IN	US	
Huang, Chongxi	Indianapolis	IN	US	

Keleher, Gerald Patrick	Indianapolis	IN	US
Perkins, Douglas Raymond	New Palestine	IN	US
Rosteck, Paul Robert	Indianapolis	IN	US
Rowlinson, Scott William	Indianapolis	IN	US
Sankhavaram, Patanjali Raghavac	Carmel	IN	US
Seno, Eugene Thomas	Weybridge	VT	US
Su, Eric Wen	Carmel	IN	US
Zhi, Yu	Indianapolis	IN	US

US-CL-CURRENT: 536/23.5

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KIMC](#) | [Drawings](#)

3. Document ID: US 20040126777 A1

L10: Entry 3 of 21

File: PGPB

Jul 1, 2004

PGPUB-DOCUMENT-NUMBER: 20040126777

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040126777 A1

TITLE: Lp mammalian proteins; related reagents

PUBLICATION-DATE: July 1, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Bhatt, Ramesh Rajani	Carmel	IN	US	
Calley, John Nels	Indianapolis	IN	US	
Heuer, Josef Georg	Indianapolis	IN	US	
Keleher, Gerald Patrick	Indianapolis	IN	US	
Lancaster, Joanne Sloan	Indianapolis	IN	US	
Li, Qingqin	Flemington	NJ	US	
Lu, Deshun	Carmel	IN	US	
Mills, Bradley Jay	Fountaintown	IN	US	
Mishra, Santosh Kumar	Singapore	IN	SG	
Perkins, Douglas Raymond	New Palestine	IN	US	
Rowlinson, Scott William	Indianapolis	IN	US	
Smith, Rosamund Carol	Greenfield	IN	US	
Su, Eric Wen	Carmel	IN	US	
Wang, He	Carmel	IN	US	
Zhi, Yu	Indianapolis		US	

US-CL-CURRENT: 435/6; 435/320.1, 435/325, 435/69.1, 530/350, 530/388.1, 536/23.5

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KIMC](#) | [Drawings](#)

□ 4. Document ID: US 20040124837 A1

L10: Entry 4 of 21

File: PGPB

Jul 1, 2004

PGPUB-DOCUMENT-NUMBER: 20040124837

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040124837 A1

TITLE: Method and apparatus for nuclear magnetic resonance measuring while drilling

PUBLICATION-DATE: July 1, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Prammer, Manfred G.	Downington	PA	US	
Dudley, James H.	Downington	PA	US	
Masak, Peter	West Chester	PA	US	
Goodman, George D.	Phoenixville	PA	US	
Morys, Marian	Downington	PA	US	
Jones, Dale A.	Houston	TX	US	
Bartel, Roger P.	Houston	TX	US	
Chen, Chen-Kang David	Houston	TX	US	
Larronde, Michael L.	Houston	TX	US	
Rodney, Paul F.	Spring	TX	US	
Smaardyk, John E.	Houston	TX	US	

US-CL-CURRENT: 324/303[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KUMC](#) | [Draw](#) | [D](#)

□ 5. Document ID: US 20040113619 A1

L10: Entry 5 of 21

File: PGPB

Jun 17, 2004

PGPUB-DOCUMENT-NUMBER: 20040113619

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040113619 A1

TITLE: Magnetic resonance apparatus with a gradient coil system structured for reduced noise emission

PUBLICATION-DATE: June 17, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Schuster, Johann	Oberasbach		DE	
Stocker, Stefan	Erlangen		DE	

US-CL-CURRENT: 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw	D
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6. Document ID: US 20040113618 A1

L10: Entry 6 of 21

File: PGPB

Jun 17, 2004

PGPUB-DOCUMENT-NUMBER: 20040113618

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040113618 A1

TITLE: Gradient coil system and magnetic resonance device with the gradient coil system

PUBLICATION-DATE: June 17, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Schuster, Johann	Oberasbach		DE	

US-CL-CURRENT: 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw	D
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7. Document ID: US 20020163335 A1

L10: Entry 7 of 21

File: PGPB

Nov 7, 2002

PGPUB-DOCUMENT-NUMBER: 20020163335

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020163335 A1

TITLE: Method and apparatus for nuclear magnetic resonance measuring while drilling

PUBLICATION-DATE: November 7, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Prammer, Manfred G.	Downington	PA	US	
Dudley, James H.	Downington	PA	US	
Masak, Peter	West Chester	PA	US	
Goodman, George D.	Phoenixville	PA	US	
Morys, Marian	Downington	PA	US	
Jones, Dale A.	Houston	TX	US	
Bartel, Roger P.	Houston	TX	US	
Chen, Chen-Kang David	Houston	TX	US	
Larronde, Michael L.	Houston	TX	US	
Rodney, Paul F.	Spring	TX	US	
Smaardyk, John E.	Houston	TX	US	

US-CL-CURRENT: 324/303[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Draw](#) | [D](#)**□ 8. Document ID: US 20020040185 A1**

L10: Entry 8 of 21

File: PGPB

Apr 4, 2002

PGPUB-DOCUMENT-NUMBER: 20020040185

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020040185 A1

TITLE: Systems and methods for evaluating the urethra and the periurethral tissues

PUBLICATION-DATE: April 4, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Atalar, Ergin	Columbia	MD	US	
Quick, Harald	Essen-Werden	MD	DE	
Karmarkar, Parag	Elliott City		US	

US-CL-CURRENT: 600/423[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Draw](#) | [D](#)**□ 9. Document ID: US 20010056232 A1**

L10: Entry 9 of 21

File: PGPB

Dec 27, 2001

PGPUB-DOCUMENT-NUMBER: 20010056232

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20010056232 A1

TITLE: Magnetic resonance imaging transseptal needle antenna

PUBLICATION-DATE: December 27, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Lardo, Albert C.	Baldwin	MD	US	
McVeigh, Elliott R.	Potomac	MD	US	
Halperin, Henry R.	Baltimore	MD	US	

US-CL-CURRENT: 600/423[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Draw](#) | [D](#)

□ 10. Document ID: US 20010045829 A1

L10: Entry 10 of 21

File: PGPB

Nov 29, 2001

PGPUB-DOCUMENT-NUMBER: 20010045829

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20010045829 A1

TITLE: Method and apparatus for nuclear magnetic resonance measuring while drilling

PUBLICATION-DATE: November 29, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Prammer, Manfred G.	Downington	PA	US	
Dudley, James H.	Downington	PA	US	
Masak, Peter	West Chester	PA	US	
Goodman, George D.	Phoenixville	PA	US	
Morys, Marian	Downington	PA	US	
Jones, Dale A.	Houston	TX	US	
Bartel, Roger P.	Houston	TX	US	
Chen, Chen-Kang David	Houston	TX	US	
Larronde, Michael L.	Houston	TX	US	
Rodney, Paul F.	Spring	TX	US	
Smaardyk, John E.	Houston	TX	US	

US-CL-CURRENT: 324/303
[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Draw](#) |

□ 11. Document ID: US 6606513 B2

L10: Entry 11 of 21

File: USPT

Aug 12, 2003

US-PAT-NO: 6606513

DOCUMENT-IDENTIFIER: US 6606513 B2

TITLE: Magnetic resonance imaging transseptal needle antenna

DATE-ISSUED: August 12, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Lardo; Albert C.	Baldwin	MD		
McVeigh; Elliott R.	Potomac	MD		
Halperin; Henry R.	Baltimore	MD		

US-CL-CURRENT: 600/411; 324/318, 600/423, 600/424
[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Draw](#) |

12. Document ID: US 6583621 B2

L10: Entry 12 of 21

File: USPT

Jun 24, 2003

US-PAT-NO: 6583621

DOCUMENT-IDENTIFIER: US 6583621 B2

TITLE: Method and apparatus for nuclear magnetic resonance measuring while drilling

DATE-ISSUED: June 24, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Prammer; Manfred G.	Downingtown	PA		
Dudley; James H.	Downingtown	PA		
Masak; Peter	West Chester	PA		
Goodman; George D.	Phoenixville	PA		
Morys; Marian	Downingtown	PA		
Jones; Dale A.	Houston	TX		
Bartel; Roger P.	Houston	TX		
Chen; Chen-Kang David	Houston	TX		
Larronde; Michael L.	Houston	TX		
Rodney; Paul F.	Spring	TX		
Smaardyk; John E.	Houston	TX		

US-CL-CURRENT: 324/303; 324/300

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KINIC	Drawn	De
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13. Document ID: US 6456074 B1

L10: Entry 13 of 21

File: USPT

Sep 24, 2002

US-PAT-NO: 6456074

DOCUMENT-IDENTIFIER: US 6456074 B1

TITLE: Quiet gradient coil

DATE-ISSUED: September 24, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Minas; Constantinos	Slingerlands	NY		

US-CL-CURRENT: 324/318; 324/309, 324/322

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KINIC	Drawn	De
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14. Document ID: US 6362619 B1

L10: Entry 14 of 21

File: USPT

Mar 26, 2002

US-PAT-NO: 6362619

DOCUMENT-IDENTIFIER: US 6362619 B1

TITLE: Method and apparatus for nuclear magnetic resonance measuring while drilling

DATE-ISSUED: March 26, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Prammer; Manfred G.	Downingtown	PA		
Dudley; James H.	Downingtown	PA		
Masak; Peter	West Chester	PA		
Goodman; George D.	Phoenixville	PA		
Morys; Marian	Downingtown	PA		
Jones; Dale A.	Houston	TX		
Bartel; Roger P.	Houston	TX		
Chen; Chen-Kang David	Houston	TX		
Larronde; Michael L.	Houston	TX		
Rodney; Paul F.	Spring	TX		
Smaardyk; John E.	Houston	TX		

US-CL-CURRENT: 324/303; 324/300, 324/309

Full	Title	Citation	Front	Review	Classification	Date	Reference				Claims	PMC	Drawn D
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15. Document ID: US 6268726 B1

L10: Entry 15 of 21

File: USPT

Jul 31, 2001

US-PAT-NO: 6268726

DOCUMENT-IDENTIFIER: US 6268726 B1

TITLE: Method and apparatus for nuclear magnetic resonance measuring while drilling

DATE-ISSUED: July 31, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Prammer; Manfred G.	Downingtown	PA		
Dudley; James H.	Downingtown	PA		
Masak; Peter	West Chester	PA		
Goodman; George D.	Phoenixville	PA		
Morys; Marian	Downingtown	PA		
Jones; Dale A.	Houston	TX		
Bartel; Roger P.	Houston	TX		

Chen; Chen-Kang David	Houston	TX
Larronde; Michael L.	Houston	TX
Rodney; Paul F.	Spring	TX
Smaardyk; John E.	Houston	TX

US-CL-CURRENT: 324/303; 324/300, 324/309

Full Title Citation Front Review Classification Date Reference Claims KMC Draw D.

16. Document ID: US 5947940 A

L10: Entry 16 of 21

File: USPT

Sep 7, 1999

US-PAT-NO: 5947940

DOCUMENT-IDENTIFIER: US 5947940 A

TITLE: Catheter reinforced to prevent luminal collapse and tensile failure thereof

DATE-ISSUED: September 7, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Beisel; Robert F.	Robesonia	PA	19551	

US-CL-CURRENT: 604/526; 604/264

Full Title Citation Front Review Classification Date Reference Claims KMC Draw D.

17. Document ID: US 5572131 A

L10: Entry 17 of 21

File: USPT

Nov 5, 1996

US-PAT-NO: 5572131

DOCUMENT-IDENTIFIER: US 5572131 A

** See image for Certificate of Correction **

TITLE: Shielded gradient coil for nuclear magnetic resonance imaging

DATE-ISSUED: November 5, 1996

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Rzedzian; Richard	Lexington	MA		

US-CL-CURRENT: 324/318; 324/322

Full Title Citation Front Review Classification Date Reference Claims KMC Draw D.

18. Document ID: US 5481191 A

L10: Entry 18 of 21

File: USPT

Jan 2, 1996

US-PAT-NO: 5481191

DOCUMENT-IDENTIFIER: US 5481191 A

** See image for Certificate of Correction **TITLE: Shielded gradient coil for nuclear magnetic resonance imaging

DATE-ISSUED: January 2, 1996

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Rzedzian; Richard	Lexington	MA		

US-CL-CURRENT: 324/318; 29/606

Full	Title	Citation	Front	Review	Classification	Date	Reference	Image	Text	Claims	DNC	Drawn
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19. Document ID: US 5296810 A

L10: Entry 19 of 21

File: USPT

Mar 22, 1994

US-PAT-NO: 5296810

DOCUMENT-IDENTIFIER: US 5296810 A

TITLE: MRI self-shielded gradient coils

DATE-ISSUED: March 22, 1994

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Morich; Michael A.	Mentor	OH		

US-CL-CURRENT: 324/318; 324/319

Full	Title	Citation	Front	Review	Classification	Date	Reference	Image	Text	Claims	DNC	Drawn
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20. Document ID: US 5293126 A

L10: Entry 20 of 21

File: USPT

Mar 8, 1994

US-PAT-NO: 5293126

DOCUMENT-IDENTIFIER: US 5293126 A

TITLE: Local transverse gradient coil

DATE-ISSUED: March 8, 1994

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Schaefer; Daniel J.	Waukesha	WI		

US-CL-CURRENT: 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference				Claims	KMC	Draw	De
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□ 21. Document ID: US 5185576 A

L10: Entry 21 of 21

File: USPT

Feb 9, 1993

US-PAT-NO: 5185576

DOCUMENT-IDENTIFIER: US 5185576 A

TITLE: Local gradient coil

DATE-ISSUED: February 9, 1993

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Vavrek; Robert M.	Waukesha	WI		
Schaefer; Daniel J.	Waukesha	WI		
Myers; Christopher C.	Milwaukee	WI		
McFarland; Thomas G.	Hartland	WI		
Turner; Robert	Bethesda	MD		

US-CL-CURRENT: 324/318; 335/299

Full	Title	Citation	Front	Review	Classification	Date	Reference				Claims	KMC	Draw	De
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Term	Documents
CARRIER	1274841
CARRIERS	357755
SUPPORT	3317830
SUPPORTS	1128399
TABLE	1737600
TABLES	325225
BED	551303
BEDS	74458
PLATFORM	345693
PLATFORMS	76990
FORMER	519186

(L9 AND (CARRIER OR SUPPORT OR TABLE OR BED OR
PLATFORM OR FORMER OR GANTRY OR STRETCHER OR
CRADLE OR
TRAY)).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.

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Search Results - Record(s) 1 through 5 of 5 returned.

1. Document ID: US 20040113619 A1

Using default format because multiple data bases are involved.

L11: Entry 1 of 5

File: PGPB

Jun 17, 2004

PGPUB-DOCUMENT-NUMBER: 20040113619

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040113619 A1

TITLE: Magnetic resonance apparatus with a gradient coil system structured for reduced noise emission

PUBLICATION-DATE: June 17, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Schuster, Johann	Oberasbach		DE	
Stocker, Stefan	Erlangen		DE	

US-CL-CURRENT: 324/318

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw	Do
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2. Document ID: US 20040113618 A1

L11: Entry 2 of 5

File: PGPB

Jun 17, 2004

PGPUB-DOCUMENT-NUMBER: 20040113618

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040113618 A1

TITLE: Gradient coil system and magnetic resonance device with the gradient coil system

PUBLICATION-DATE: June 17, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Schuster, Johann	Oberasbach		DE	

US-CL-CURRENT: 324/318

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Draw](#) | [D](#)

3. Document ID: US 6456074 B1

L11: Entry 3 of 5

File: USPT

Sep 24, 2002

US-PAT-NO: 6456074

DOCUMENT-IDENTIFIER: US 6456074 B1

TITLE: Quiet gradient coil

DATE-ISSUED: September 24, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Minas; Constantinos	Slingerlands	NY		

US-CL-CURRENT: 324/318; 324/309, 324/322

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Draw](#) | [D](#)

4. Document ID: US 5296810 A

L11: Entry 4 of 5

File: USPT

Mar 22, 1994

US-PAT-NO: 5296810

DOCUMENT-IDENTIFIER: US 5296810 A

TITLE: MRI self-shielded gradient coils

DATE-ISSUED: March 22, 1994

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Morich; Michael A.	Mentor	OH		

US-CL-CURRENT: 324/318; 324/319

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Draw](#) | [D](#)

5. Document ID: US 5185576 A

L11: Entry 5 of 5

File: USPT

Feb 9, 1993

US-PAT-NO: 5185576

DOCUMENT-IDENTIFIER: US 5185576 A

TITLE: Local gradient coil

DATE-ISSUED: February 9, 1993

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Vavrek; Robert M.	Waukesha	WI		
Schaefer; Daniel J.	Waukesha	WI		
Myers; Christopher C.	Milwaukee	WI		
McFarland; Thomas G.	Hartland	WI		
Turner; Robert	Bethesda	MD		

US-CL-CURRENT: 324/318; 335/299

Full	Title	Citation	Front	Review	Classification	Date	Reference				Claims	KMCs	Draw	
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SUBS	38240
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SEGMENTS	456327
COIL	1195604
COILS	396213
MULTICOIL	246
MULTICOILS	8
(10 AND (GRADIENT WITH (MULTICOIL OR (COIL WITH (SUB OR SEGMENT))))).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	5
(L10 AND (GRADIENT WITH (((SUB" OR SEGMENT) WITH COIL) OR MULTICOIL)).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	5

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L11: Entry 1 of 5

File: PGPB

Jun 17, 2004

PGPUB-DOCUMENT-NUMBER: 20040113619

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040113619 A1

TITLE: Magnetic resonance apparatus with a gradient coil system structured for reduced noise emission

PUBLICATION-DATE: June 17, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Schuster, Johann	Oberasbach		DE	
Stocker, Stefan	Erlangen		DE	

APPL-NO: 10/ 679042 [PALM]

DATE FILED: October 3, 2003

FOREIGN-APPL-PRIORITY-DATA:

COUNTRY	APPL-NO	DOC-ID	APPL-DATE
DE	102 46 309.3	2002DE-102 46 309.3	October 4, 2002

INT-CL: [07] G01 V 3/00

US-CL-PUBLISHED: 324/318

US-CL-CURRENT: 324/318

REPRESENTATIVE-FIGURES: 1

ABSTRACT:

A magnetic resonance device HAS a cavity and with a gradient coil system arranged in the cavity, that, in a middle region, exhibits a lower mechanical stiffness than in edge regions connected to the middle region, and has a supporting arrangement to support the middle region against a boundary surface of the cavity.

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L11: Entry 2 of 5

File: PGPB

Jun 17, 2004

PGPUB-DOCUMENT-NUMBER: 20040113618

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040113618 A1

TITLE: Gradient coil system and magnetic resonance device with the gradient coil system

PUBLICATION-DATE: June 17, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Schuster, Johann	Oberasbach		DE	

APPL-NO: 10/ 678808 [PALM]

DATE FILED: October 3, 2003

FOREIGN-APPL-PRIORITY-DATA:

COUNTRY	APPL-NO	DOC-ID	APPL-DATE
DE	10246310.7	2002DE-10246310.7	October 4, 2002

INT-CL: [07] G01 V 3/00

US-CL-PUBLISHED: 324/318

US-CL-CURRENT: 324/318

REPRESENTATIVE-FIGURES: 1, 2,

ABSTRACT:

A gradient coil system has at least two structurally independent units each forming a part of the sub-coils of the gradient coils of the gradient coil system, and a carrier in which the units are attached separated from one another for an antenna system that can be arranged between them.

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